



INVESTOR IN PEOPLE

Application No: GB0323836.7 Examiner: Nigel Hanley  
Claims searched: 1-109, 125-131, 136 & 137 Date of search: 21 May 2004

## Patents Act 1977: Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular reference
X	1, 52, 101, 125 & 137 at least	WO 2003/084175 A1 BARRACUDA - See whole document. Note use of a registered telecommunications portable device in authenticating transactions.
X,Y	1, 52, 101, 125 & 137 at least	WO 2002/091316 A1 ACTIVCARD - See whole document. Note use of a Personal Security Device for coupling to a client which manages an authentication transaction with a remote computer system.
X,Y	1, 52, 101, 125 & 137 at least	"Trusted Transaction Roaming" - Pgs 13 - 17, Issue 1/2003 - SECURE. (An Infineon Technologies Publication) - Note the concept of providing secure network access for E-Commerce from mobile phones
X,E	1, 52, 101, 125 & 137 at least	GB 2394327 A VODAFONE - See whole document. Note use of transaction manager as an interface between a users request for a service and in an authentication process.
Y	17-35 & 66-84	WO 2002/079960 A1 ENTERPRISES - See whole document. Note arrangement of device for coupling to a PC for trusted transactions involving a smart card.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>w</sup> :

G4A



INVESTOR IN PEOPLE

Application No: GB0323836.7  
Claims searched: 122-124 & 134

Examiner: Nigel Hanley  
Date of search: 11 October 2004

## Patents Act 1977 Further Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	122-124 & 134	US 6229806 B1 - 12/30/97 (Lockhart) MOTOROLA - See whole document. Note generation of a data packet containing authentication information unique to a user device. Note also host id being contained in the packet.
X	122-124 & 134	US 2002/0087473 A1 HARIF - See whole document especially Fig 3. Note contents of packet payload including security permissions and identifiers.
X	122-124 & 134	US 6154839 A VPNET - See whole document. Note use of a packet incorporating a user identifier.

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G4A

Worldwide search of patent documents classified in the following areas of the IPC<sup>07</sup>

G06F; H04L

The following online and other databases have been used in the preparation of this search report

ONLINE: WPI, EPODOC, JAPIO



INVESTOR IN PEOPLE

Application No: GB0323836.7

Examiner: Nigel Hanley

Claims searched: 120, 121 &amp; 133

Date of search: 11 October 2004

**Patents Act 1977****Further Search Report under Section 17****Documents considered to be relevant:**

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	120, 121 & 133	WO01/33936 A3 PRIVACOMP - See whole document. Note restriction of access to a transaction database allowing a third party access only to the data they are entitled to.
X	121, 122 & 133	US 6134549 A SHOWCASE - See whole document - Note the use of views to restrict access to data for a corporate entity.
X	121, 122 & 133	US 5644710 A ETA - See whole document. Note especially file system of Fig 8a which gives access to files only to those who have the correct access.
X	121, 122 & 133	EP 0927921 A3 CASIO - See whole document especially Figs 1-7 & 15-21. Note the restriction of access of system users to specific data groups.

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G4A

Worldwide search of patent documents classified in the following areas of the IPC<sup>07</sup>

G06F

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**Application No:** GB0323836.7

**Examiner:** Nigel Hanley

**Claims searched:** 110-119, 132 & 135

**Date of search:** 11 October 2004

## Patents Act 1977

### Further Search Report under Section 17

#### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	110-119, 132 & 135	WO 00/67415 A3 FIRST DATA - See whole document. Note generation of a token to a user by a first computer for use on a second computer.
X	110-119, 132 & 135	US 6339423 A ENTRUST - See whole document. Note provision of a token to a user by a first domain system when user requires access to a second domain system.
X	110-119, 132 & 135	US 6161182 A LUCENT - See whole document. Note use of Token Generating Server to authenticate a user and issue a token for access to a remote system or server.
X	110-119, 132 & 135	WO 02/039237 A3 IBM - See whole document. Note creation of a user token for an authenticated user to allow a sign on to a second remote service.
X	110-119, 132 & 135	EP 1315064 A1 SUN - See whole document. Note issue of a token for use in accessing other services to a user after authentication of a userid and password combination.

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